

(FILE 'HOME' ENTERED AT 13:02:59 ON 30 JUN 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPUS, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 13:03:10 ON 30 JUN 2003

SEA LICORICE EXTRACT? AND ACID FREE?

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1 FILE PROMT  
5 FILE USPATFULL  
1 FILE WPIIDS  
1 FILE WPINDEX

L1 QUE LICORICE EXTRACT? AND ACID FREE?

FILE 'PROMT, USPATFULL' ENTERED AT 13:07:14 ON 30 JUN 2003

L2 6 S L1  
L3 6 DUP REM L2 (0 DUPLICATES REMOVED)

=> d 13 1-6

L3 ANSWER 1 OF 6 USPATFULL  
AN 2002:108643 USPATFULL  
TI Pomegranate extracts and methods of using thereof  
IN Aviram, Michael, Kiriat-Haim, ISRAEL  
Dornfeld, Leslie, Los Angeles, CA, United States  
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United States (U.S. corporation)  
PI US 6387418 B1 20020514  
AI US 1999-294307 19990419 (9)  
DT Utility  
FS GRANTED  
LN.CNT 1757  
INCL INCLM: 424/744.000  
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000  
NCL NCLM: 424/744.000  
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000  
IC [7]  
ICM: A61K035-78  
EXF 424/195.1; 424/451; 424/464; 424/439; 424/725; 424/744; 426/599;  
514/824; 514/944; 514/969

L3 ANSWER 2 OF 6 USPATFULL  
AN 2002:88034 USPATFULL  
TI Pomegranate extracts and methods of using thereof  
IN Aviram, Michael, Kirlat-Halm, ISRAEL  
Dornfeld, Leslie, Los Angeles, CA, United States  
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United States (U.S. corporation)  
PI US 6375993 B1 20020423  
AI US 1999-399679 19990921 (9)  
RLI Division of Ser. No. US 1999-294307, filed on 19 Apr 1999  
DT Utility  
FS GRANTED  
LN.CNT 1718  
INCL INCLM: 424/744.000  
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000  
NCL NCLM: 424/744.000  
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000  
IC [7]  
ICM: A61K035-78  
EXF 424/195.1; 424/725; 424/744; 514/824; 514/944; 514/969

PI US 3953423 19760427  
AI US 1973-422055 19731205 (5)  
PRAI DE 1972-2260214 19721208  
DT Utility  
FS Granted  
LN.CNT 376  
INCL INCLM: 260/210.000F  
INCLS: 424/180.000  
NCL NCLM: 536/008.000  
IC [2]  
ICM: C07G003-00  
ICS: C07H017-04; C08B037-00  
EXF 260/345.2; 260/210R; 260/210F  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 6

L3 ANSWER 6 OF 6 USPATFULL  
AN 76:23262 USPATFULL  
TI Preparation of a new flavanone derivative  
IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of  
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S.  
corporation)  
PI US 3953423 19760427  
AI US 1973-422055 19731205 (5)  
PRAI DE 1972-2260214 19721208  
DT Utility  
FS Granted  
LN.CNT 376  
INCL INCLM: 260/210.000F  
INCLS: 424/180.000  
NCL NCLM: 536/008.000  
IC [2]  
ICM: C07G003-00  
ICS: C07H017-04; C08B037-00  
EXF 260/345.2; 260/210R; 260/210F  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 6 kwic

L3 ANSWER 6 OF 6 USPATFULL  
SUMM The licorice extract, succus liquiritiae, was  
formerly widely recommended for ulcer-therapy. However, it became  
evident that the healing of ulcers was associated with.  
SUMM The material of the invention is prepared from a mixture obtained from  
licorice extract, preferably from commercial extracts  
of succus liquiritiae or from commercial dyestuff-containing ammoniacal  
glycyrrhizine. To this end, an aqueous dispersion is.  
DETD After centrifugation, the precipitate is washed nearly acid-  
free with water and dried, yielding 126 g of precipitate.  
DETD . . . water and additional 3 l of water are added. After the  
precipitate has settled, it is sucked off, washed as acid-  
free as possible and dried.  
DETD . . . effect is accompanied by an increase in venous pressure and a  
substantial increase in blood pressure. Thus, individuals who take  
licorice extracts are liable to suffer inter alia from  
heart asthma.

=> d clms 13 6

'CLMS' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid

in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L3 ANSWER 6 OF 6 USPATFULL  
AN 76:23262 USPATFULL  
TI Preparation of a new flavanone derivative  
IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of  
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S.  
corporation)  
PI US 3953423 19760427  
AI US 1973-422055 19731205 (5)  
PRAI DE 1972-2260214 19721208  
DT Utility  
FS Granted  
LN.CNT 376  
INCL INCLM: 260/210.000F  
INCLS: 424/180.000  
NCL NCLM: 536/008.000  
IC [2]  
ICM: C07G003-00  
ICS: C07H017-04; C08B037-00  
EXF 260/345.2; 260/210R; 260/210F  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 6 clms

'CLMS' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L3 ANSWER 6 OF 6 USPATFULL  
AN 76:23262 USPATFULL  
TI Preparation of a new flavanone derivative  
IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of  
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S.  
corporation)  
PI US 3953423 19760427  
AI US 1973-422055 19731205 (5)  
PRAI DE 1972-2260214 19721208  
DT Utility  
FS Granted  
LN.CNT 376  
INCL INCLM: 260/210.000F  
INCLS: 424/180.000  
NCL NCLM: 536/008.000  
IC [2]  
ICM: C07G003-00  
ICS: C07H017-04; C08B037-00  
EXF 260/345.2; 260/210R; 260/210F  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d hit 13 6

L3 ANSWER 6 OF 6 USPATFULL

SUMM The licorice extract, succus liquiritiae, was formerly widely recommended for ulcer-therapy. However, it became evident that the healing of ulcers was associated with water retention which led to the formation of oedema of the face and limbs, in

particular the knuckles. This was sometimes accompanied by dizziness and headache. These phenomena rapidly disappeared upon the discontinuance of the medicament.

SUMM The material of the invention is prepared from a mixture obtained from **licorice extract**, preferably from commercial extracts of succus liquiritiae or from commercial dyestuff-containing ammoniacal glycyrrhizine. To this end, an aqueous dispersion is prepared from the starting material and is combined with ethyl urethane, thereby dissolving the undesired red dyestuff, a moderately acidic pH value is produced by adding water or diluted acid whereby glycyrrhizinic acid contaminated with yellow dyestuff precipitates, the supernatant solution containing the red dyestuff is discarded, the precipitate is dissolved in dilute alcoholic acid and is subjected to alcoholysis with simultaneous alkylation, the precipitated glycyrrhetic acid is discarded, the supernatant solution is boiled down and the so-obtained product is dried.

DETD After centrifugation, the precipitate is washed nearly **acid-free** with water and dried, yielding 126 g of precipitate.

DETD The precipitate is placed in a 10 l beaker with 2000 ml of water and additional 3 l of water are added. After the precipitate has settled, it is sucked off, washed as **acid-free** as possible and dried.

DETD It is known, for example, that when administering succus liquiritiae and glycyrrhizinic acid water retention occurs and as a consequence thereof oedema are formed in the face and at the limbs, particularly the knuckles. In addition, the potassium level in the blood falls off upon administration of these substances which has a disadvantageous effect on the myocard and this effect is accompanied by an increase in venous pressure and a substantial increase in blood pressure. Thus, individuals who take **licorice extracts** are liable to suffer inter alia from heart asthma.

=>

L3 ANSWER 3 OF 6 USPATFULL  
AN 2002:63561 USPATFULL  
TI Pomegranate extracts and methods of using thereof  
IN Aviram, Michael, Kiriat-Haim, ISRAEL  
Dornfeld, Leslie, Los Angeles, CA, United States  
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United States (U.S. corporation)  
PI US 6361807 B1 20020326  
AI US 1999-398655 19990921 (9)  
RLI Division of Ser. No. US 1999-294307, filed on 19 Apr 1999  
DT Utility  
FS GRANTED  
LN.CNT 1758  
INCL INCLM: 424/744.000  
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000  
NCL NCLM: 424/744.000  
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000  
IC [7]  
ICM: A61K035-78  
EXF 424/195.1; 424/725; 424/744; 426/541; 426/599; 426/648; 514/824;  
514/944; 514/969

L3 ANSWER 4 OF 6 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 2001:834954 PROMT  
TITLE: INGREDIENTS. (directory of food ingredient companies) (Directory)  
SOURCE: Food Processing, (Oct 2001) Vol. 62, No. 10, pp. 35.  
ISSN: 0015-6523.  
PUBLISHER: Putman Publishing, Co.  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 37077  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L3 ANSWER 5 OF 6 USPATFULL  
AN 83:29186 USPATFULL  
TI 18 .alpha.-Glycyrrhizinic acid and salt thereof  
IN Miyashita, Akira, Yokohama, Japan  
Okada, Kenzo, Tokyo, Japan  
Kuramoto, Takashi, Onomichi, Japan  
PA Maruzen Kasei Kabushiki Kaisha, Japan (non-U.S. corporation)  
PI US 4393200 19830712  
AI US 1981-222880 19810106 (6)  
PRAI JP 1980-580 19800109  
JP 1980-24023 19800229  
DT Utility  
FS Granted  
LN.CNT 596  
INCL INCLM: 536/018.100  
INCLS: 424/180.000; 426/658.000  
NCL NCLM: 536/018.100  
NCLS: 426/658.000  
IC [3]  
ICM: C07H015-20  
EXF 536/4; 536/18.1; 424/180  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL  
AN 76:23262 USPATFULL  
TI Preparation of a new flavanone derivative  
IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of  
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S.  
corporation)